5 (Amended). An oligonucleotide characterized in that the gene sequence of a spacer region between a gene coding 16S rRNA and a gene coding 23S rRNA of *Pectinatus* frisingensis has at least one of the following sequence group or the corresponding complementary sequence:

- 5'-CCATCCTCTTGAAAATCTC-3') (SEQ ID NO:5)
- 5'-TCTCRTCTCACAAGTATGGC-3' @ (SEQ ID NO:6).
- 6 (Amended). An oligonucleotide characterized in that the gene sequence of a spacer region between a gene coding 16S rRNA and a gene coding 23S rRNA of Pectinatus cerevisiiphilus has at least one of the following sequence group or the corresponding complementary sequence:
 - 5'-CACTCTTACAAGTATCTAC-3' \ ③ (SEQ ID NO:7)
 - 5'-CCACAATATTTCCGACCAGC-3' (SEQ ID NO:8)
 - 5'-AGTCTTCTCTACTGCCATGC-3' (SEQ ID NO:9)
- 11 (Amended). A method as claimed in claim 9, wherein the nucleotide sequence coding the 16S rRNA gene of Pectinatus frisingensis has the following sequence:
 - 5'-CGTATCCAGAGATGCATATT-3' © (SEQ ID NO:10)
- 12 (Amended). A method as claimed in claim 10, wherein the nucleotide sequence coding the 16S rRNA gene of Pectinatus cerevisiiphilus has the following sequence:
 - 5'-CGTATGCAGAGATGCATATT → 3' Ø (SEO ID NO:11)